

The HDMI HDBaseT + RS232 and IR over Cat Extender Single Gang Wall Plate Transmitter - 4K 60Hz allows a 4K HDMI source to be extended up to 130ft to a 4K display using a single Cat6a Ethernet cable. This transmitter is an ideal part of an HDBaseT solution where HDMI video and audio in conference rooms, classrooms, lecture halls, and many other installation needs are far beyond the length limitations of standard HDMI cabling.

This transmitter extends HDMI over a single Cat5e, Cat6, or Cat6a network patch cable. Extend 4K HDMI up to 115 feet and 1080p up to 230 feet using a Cat5e or Cat6 cable. For longer 4K distances, extend 4K HDMI up to 130 feet using a Cat6a cable.



This HDMI HDBaseT transmitter is HDCP 2.2 compliant, ensuring that the source and display connection is secure. Multi-channel audio formats are supported, including PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, and DTS:X. With one-way Power over Cable (PoC) support, the transmitter gets its power from the receiver, so no additional power adapter is required, allowing for greater installation flexibility. Advanced users can control RS232 pass-through.

This HDBaseT transmitter works with [C2G30015](#) and [C2G30016](#) receivers.

Note: Ensure a solid, reliable connection between the 4K HDMI HDBaseT Extender and critical equipment. We suggest using HDMI Cables with gripping connectors that provide greater port retention than standard HDMI connectors.

Note: Stranded Cat5e/6/6a patch cables may be used for HDMI extension applications up to 230ft. Shielded, solid conductor Cat6 or HDBaseT Certified Cat6a network cabling is recommended for applications where the category cable must be coiled, is run near other high-frequency signaling cables, or in high EMI/RFI environments. For best performance use an [HDBaseT Certified Cat6a Patch Cable](#).

Features & Benefits

- Extend 4K at 60Hz (4:2:0) up to 130ft and 1080p at 60Hz up to 230ft with Cat 6a cable
- HDCP 2.2 compliant, to create a secure connection between the source and display
- Supports EDID from the HDMI out and connected receiver has EDID limitation function
- One-way IR pass through from the TX to the connected RX
- Supports RS232 pass-through via HDBT port
- Compatible Receivers: [C2G30015](#), [C2G30016](#), C2G31015 (Coming Soon)
- Extend 4K at 60Hz (4:2:0) up to 115ft and 1080p at 60Hz up to 200ft with Cat 5e/6 cable
- Supports multi-channel audio formats, including PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X
- Supports CEC pass-through, allowing central control to all HDMI compatible devices
- One-way Power over Cable (PoC), powered by the receiver
- HDBaseT Chipset VS010, for simpler HDBaseT installations

Specifications

General Info

Product Line	C2G	UPC Number	757120300212
Country Of Origin	China	Application Sector	Residential, Commercial

Type	HDBaseT, Transmitter
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Additional Information

Prop 65 Warning Required	Yes	Prop 65 Warning Language	Cancer and Reproductive Harm
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Technical Information

Jacket Material	PVC (Polyvinyl Chloride)	Video Resolution	4K 60Hz, 4K 30Hz, 4K, 1080p 60Hz, 1080p
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Adapter Front	DC Power Plug, RJ45 Female, HDMI Female	Operating Temperature	0 C, 45 C
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Storage Temperature	-20 C, 70 C
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